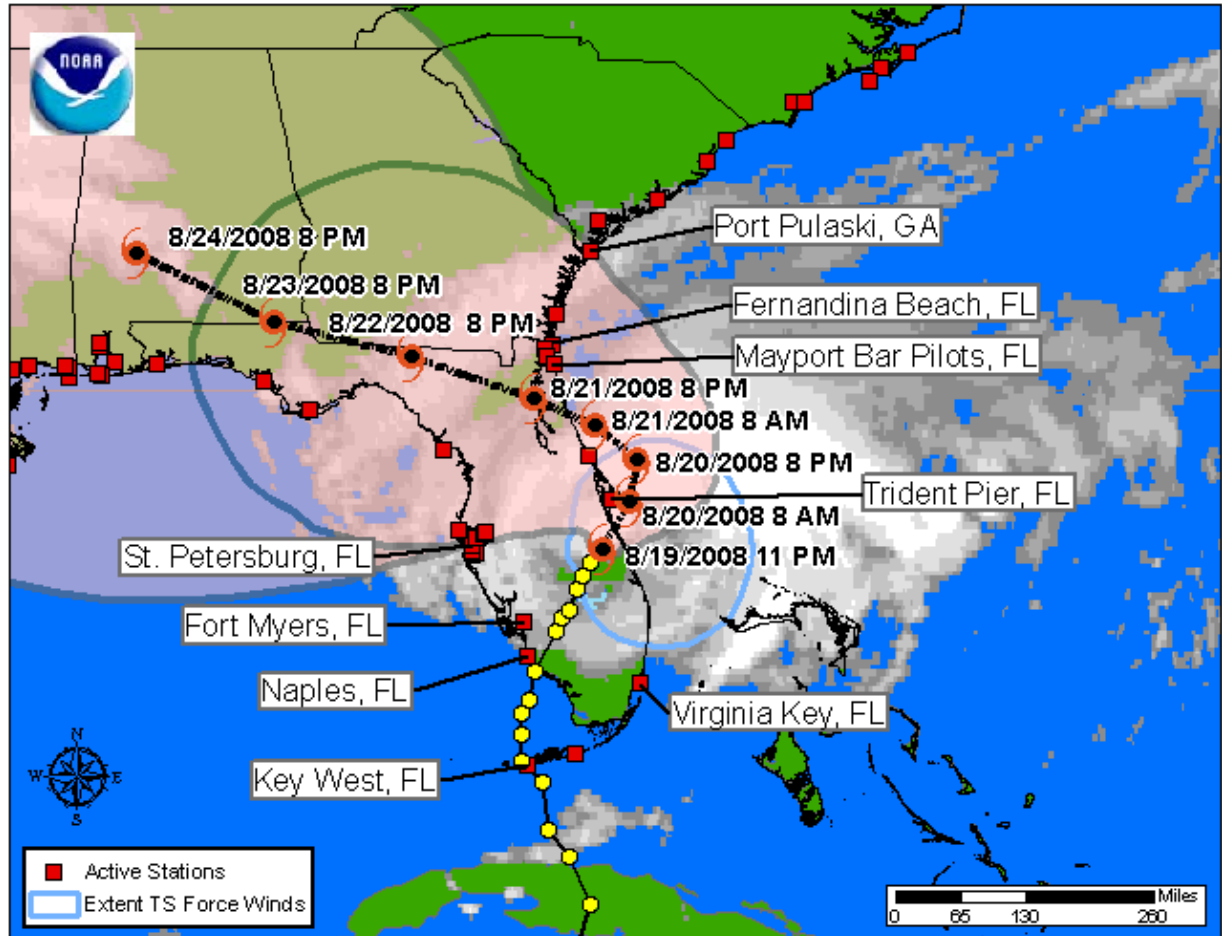




Tropical Storm FAY QuickLook  
Posted: 00:00 EDT 08/20/2008

NOAA and NOAA Partnership Stations Relative to the Storm



#### Storm Analysis

As of 08/20/2008 00:00 EDT, water levels along eastern Florida and at the North Florida-Georgia Coast are rising, just coincided with a high tide at some stations, and range from 0.7 to 0.9 feet above predicted. Water levels from the Florida Keys to Naples remain elevated and about 0.2 to 0.7 feet above predicted. Water levels north of Naples in southwest Florida are at or below predicted. Wind speeds are falling from the Florida Keys to Fort Myers, with gusts up to 30 knots. Wind gusts up to 35 knots at Trident Pier, eastern Florida and barometric pressure is falling.

Water Level and Meteorological plots available below are updated automatically. Water level predictions relative to Mean Lower Low Water are:

Trident Pier, FL: Next predicted high tide is 4.0 ft (1.21 m) at 08/20/2008 10:54 EDT.

Mayport Bar Pilots, FL: Next predicted high tide is 5.1 ft (1.55 m) at 08/20/2008 11:41 EDT.  
Fernandina Beach, FL: Next predicted high tide is 6.62 ft (2.02 m) at 08/20/2008 11:45 EDT.  
Port Pulaski, GA: Next predicted high tide is 7.58 ft (2.31 m) at 08/20/2008 11:00 EDT.  
St. Petersburg, FL: Next predicted high tide is 2.2 ft (0.7 m) at 08/20/2008 04:32 EDT.  
Fort Myers, FL: Next predicted high tide is 1.5 ft (0.5 m) at 08/20/2008 06:18 EDT.  
Naples, FL: Next predicted high tide is 2.9 ft (0.9 m) at 08/20/2008 02:24 EDT.  
Key West, FL: Next predicted high tide is 1.8 ft (0.6 m) at 08/20/2008 00:32 EDT.  
Virginia Key, FL: Next predicted high tide is 2.4 ft (0.73 m) at 08/20/2008 12:12 EDT.

For additional data, please see the [Center for Operational Oceanographic Products & Services website](#). For more information or archived products and reports, please see the [Storm QuickLook Homepage](#).

Analyst: ND

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**SELECT NATIONAL HURRICANE CENTER ADVISORY INFORMATION:**

**TROPICAL STORM FAY ADVISORY NUMBER 18 1100 PM EDT TUE AUG 19 2008**

**FAY WEAKENS SOME MORE WHILE OVER FLORIDA..**

**A TROPICAL STORM WARNING REMAINS IN EFFECT ALONG THE EAST COAST OF FLORIDA FROM NORTH OF JUPITER INLET TO FLAGLER BEACH AND FOR LAKE OKEECHOBEE.**

**A HURRICANE WATCH IS IN EFFECT FOR THE FLORIDA EAST COAST NORTH OF FLAGLER BEACH TO ALTAMAHA SOUND GEORGIA.**

**A TROPICAL STORM WATCH IS IN EFFECT FROM NORTH OF ALTAMAHA SOUND TO THE SAVANNAH RIVER.**

**FOR STORM INFORMATION SPECIFIC TO YOUR AREA INCLUDING POSSIBLE INLAND WATCHES AND WARNINGS PLEASE MONITOR PRODUCTS ISSUED BY YOUR LOCAL WEATHER OFFICE.**

**AT 1100 PM EDT 0300Z THE CENTER OF TROPICAL STORM FAY WAS LOCATED NEAR LATITUDE 27.7 NORTH LONGITUDE 80.7 WEST OR ABOUT 30 MILES 45 KMSOUTH-SOUTHWEST OF MELBOURNE FLORIDA.**

**FAY HAS BEEN MOVING ERRATICALLY OVER THE PAST FEW HOURS BUT IS EXPECTED TO MOVE TOWARD THE NORTH-NORTHEAST NEAR 5 MPH 7**

**KM/HR OVERNIGHT. A GRADUAL TURN TOWARD THE NORTH IS EXPECTED DURING THE NEXT 12 TO 24 HOURS. ON THIS TRACK THE CENTER OF FAY WILL MOVE JUST OFFSHORE OVER THE ATLANTIC WATERS ON WEDNESDAY. FAY IS LIKELY TO REMAIN NEAR OR OVER THE NORTHEAST OR EAST-CENTRAL FLORIDA COAST THROUGH THURSDAY.**

**TROPICAL STORM FORCE WINDS EXTEND OUTWARD UP TO 140 MILES 220 KM FROM THE CENTER.**

**ESTIMATED MINIMUM CENTRAL PRESSURE IS 990 MB 29.23 INCHES.**

**FAY IS EXPECTED TO PRODUCE RAINFALL ACCUMULATIONS OF 5 TO 10 INCHES OVER EAST-CENTRAL AND NORTHEASTERN FLORIDA WITH MAXIMUM TOTAL AMOUNTS OF 15 INCHES. ACCUMULATIONS OF 3 TO 5 INCHES ARE POSSIBLE IN THE NORTHWESTERN BAHAMAS.**

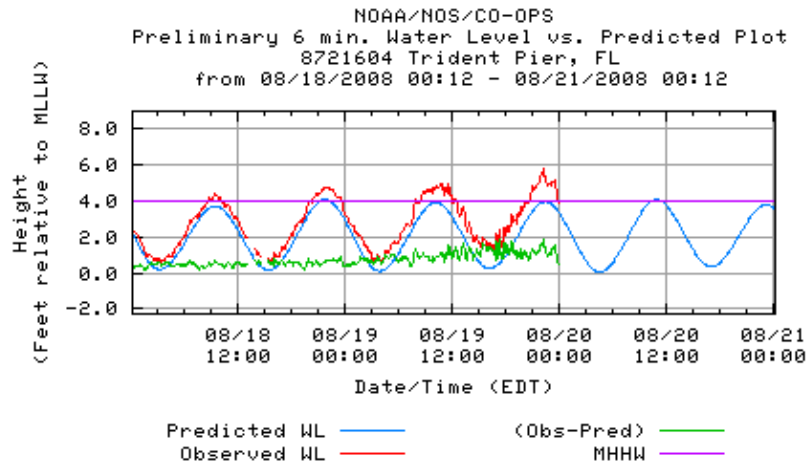
**STORM TIDES OF 1 TO 3 FEET ABOVE NORMAL ARE POSSIBLE ALONG THE EAST COAST OF FLORIDA AS FAY APPROACHES.**

**FORECASTER PASCH**

For the purpose of timely release, data contained within this QuickLook have undergone a "limited" NOS Quality Assurance/Control; however, the data have not yet undergone final verification. All data subject to NOS verification.

Jump to: [Trident Pier - Water Level](#), [Trident Pier - Air/Water Temp](#), [Trident Pier - Winds](#), [Trident Pier - Barometric](#), [Mayport \(Bar Pilots Dock\) - Water Level](#), [Fernandina Beach - Water Level](#), [Fernandina Beach - Air/Water Temp](#), [Fernandina Beach - Winds](#), [Fernandina Beach - Barometric](#), [Fort Pulaski - Water Level](#), [Fort Pulaski - Air/Water Temp](#), [Fort Pulaski - Winds](#), [Fort Pulaski - Barometric](#), [St. Petersburg - Water Level](#), [St. Petersburg - Air/Water Temp](#), [St. Petersburg - Winds](#), [St. Petersburg - Barometric](#), [Fort Myers - Water Level](#), [Fort Myers - Air/Water Temp](#), [Fort Myers - Winds](#), [Fort Myers - Barometric](#), [Naples - Water Level](#), [Naples - Air/Water Temp](#), [Naples - Winds](#), [Naples - Barometric](#), [Key West - Water Level](#), [Key West - Air/Water Temp](#), [Key West - Winds](#), [Key West - Barometric](#), [Virginia Key - Water Level](#),

**Trident Pier, FL - Station Map** [Return to List](#)

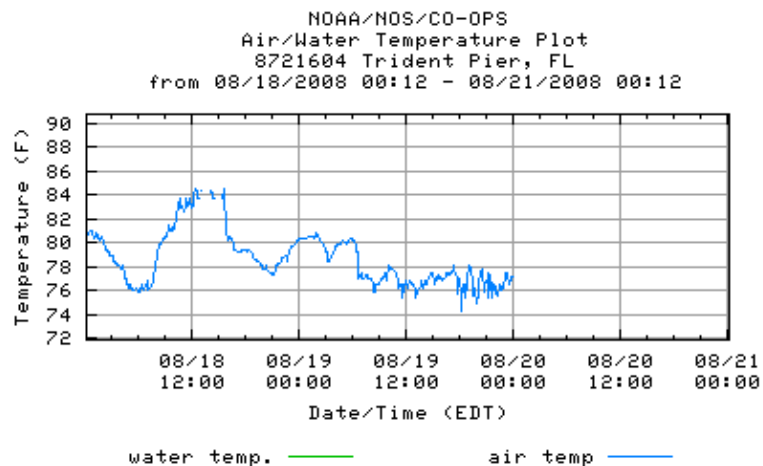


Last Observed Sample: 08/19/2008 23:54 (EDT)

Relative to **MLLW**: **Observed: 3.82 ft. Predicted: 3.38 ft. Residual: 0.44 ft.**

Historical Maximum Water Level: 09/16/2001, 2.28 ft. above **MHHW**

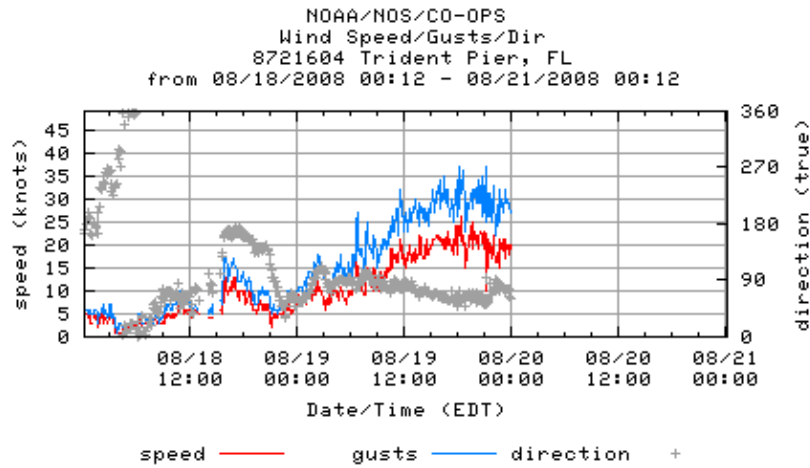
**Trident Pier, FL - Station Map** [Return to List](#)



Last Observed Sample: 08/19/2008 23:54 (EDT)

**Water Temperature: n/a Air Temperature: 77.2° F**

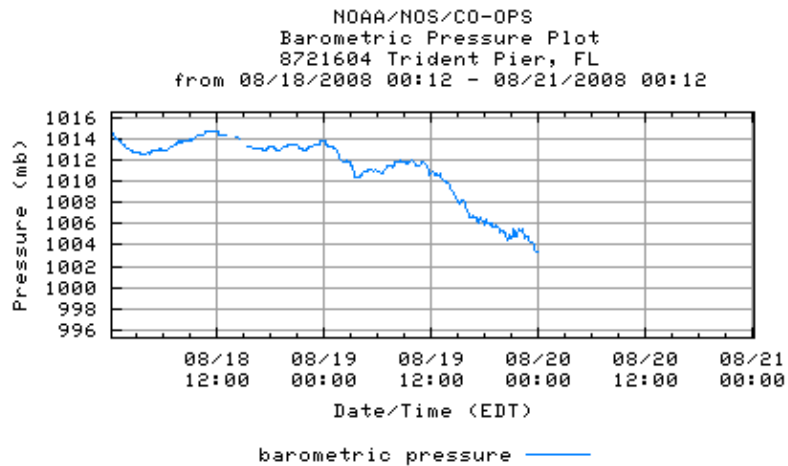
**Trident Pier, FL - Station Map** [Return to List](#)



Last Observed Sample: 08/19/2008 23:54 (EDT)

Wind Speed: 20 knots Gusts: 27 knots Direction: 062° T

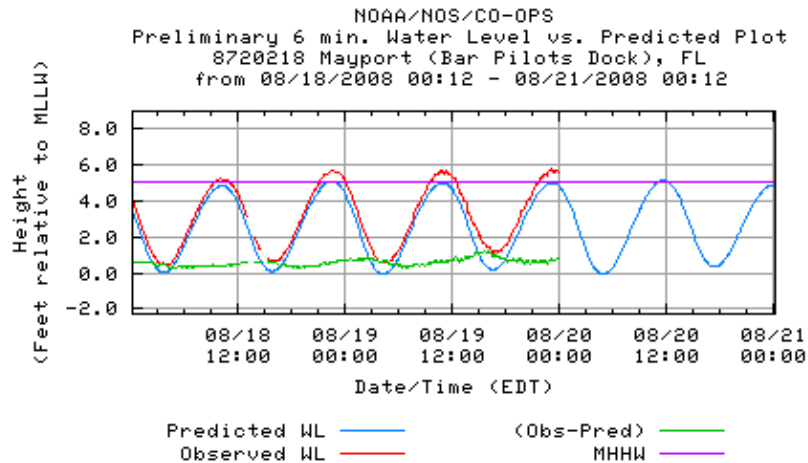
**Trident Pier, FL - Station Map** [Return to List](#)



Last Observed Sample: 08/19/2008 23:54 (EDT)

Barometric Pressure: 1003.4 mb

**Mayport (Bar Pilots Dock), FL - Station Map** [Return to List](#)

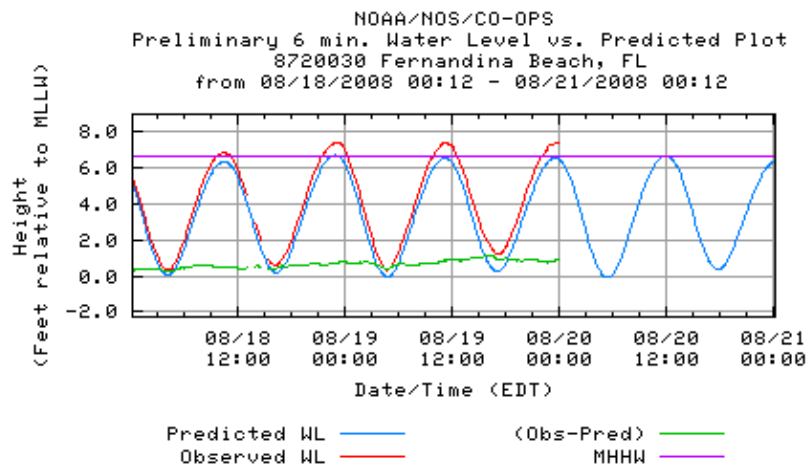


Last Observed Sample: 08/19/2008 23:54 (EDT)

Relative to **MLLW**: **Observed: 5.58 ft. Predicted: 4.83 ft. Residual: 0.75 ft.**

Historical Maximum Water Level: 09/17/2001, 2.15 ft. above **MHHW**

**Fernandina Beach, FL - Station Map** [Return to List](#)

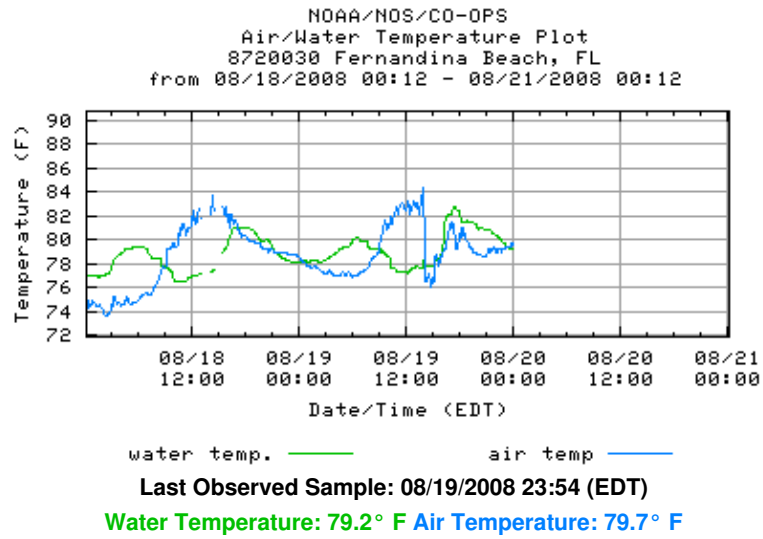


Last Observed Sample: 08/19/2008 23:54 (EDT)

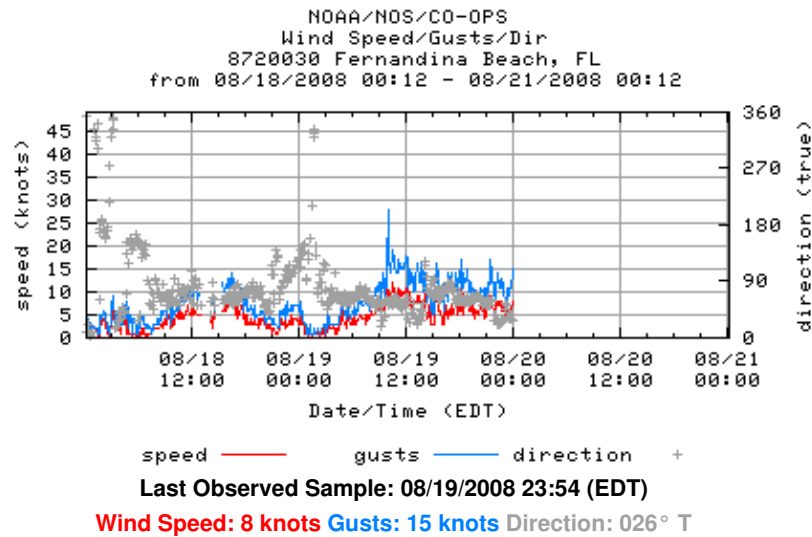
Relative to **MLLW**: **Observed: 7.36 ft. Predicted: 6.46 ft. Residual: 0.90 ft.**

Historical Maximum Water Level: 10/02/1898, 6.94 ft. above **MHHW**

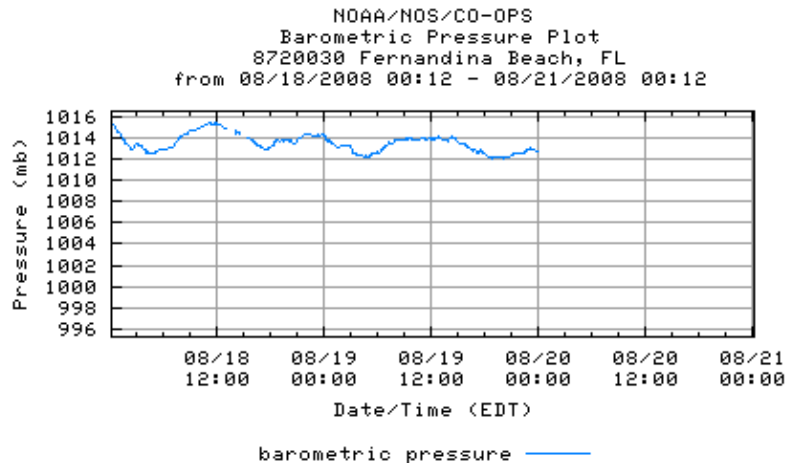
**Fernandina Beach, FL - Station Map** [Return to List](#)



**Fernandina Beach, FL - Station Map** [Return to List](#)



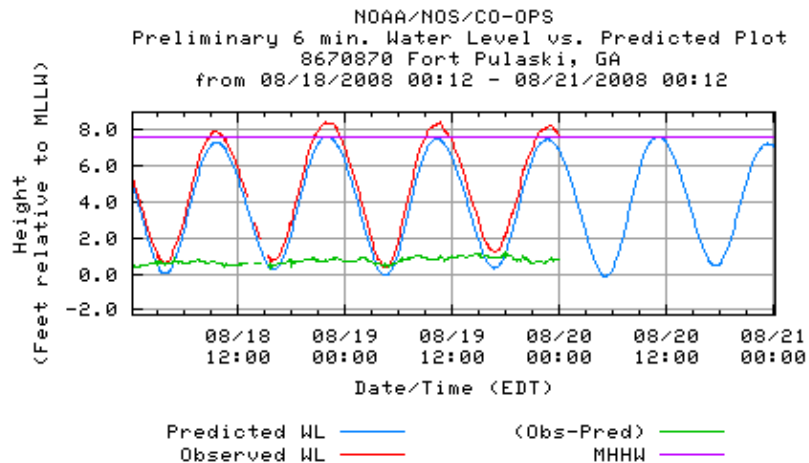
**Fernandina Beach, FL - Station Map** [Return to List](#)



Last Observed Sample: 08/19/2008 23:54 (EDT)

Barometric Pressure: 1012.8 mb

**Fort Pulaski, GA - Station Map** [Return to List](#)



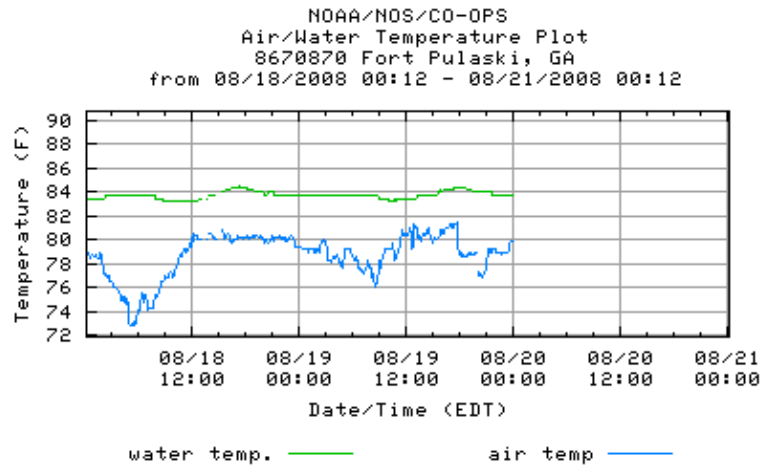
Last Observed Sample: 08/19/2008 23:54 (EDT)

Relative to **MLLW**: Observed: 7.65 ft. Predicted: 6.89 ft. Residual: 0.76 ft.

Historical Maximum Water Level: 10/15/1947, 3.4 ft. above **MHHW**



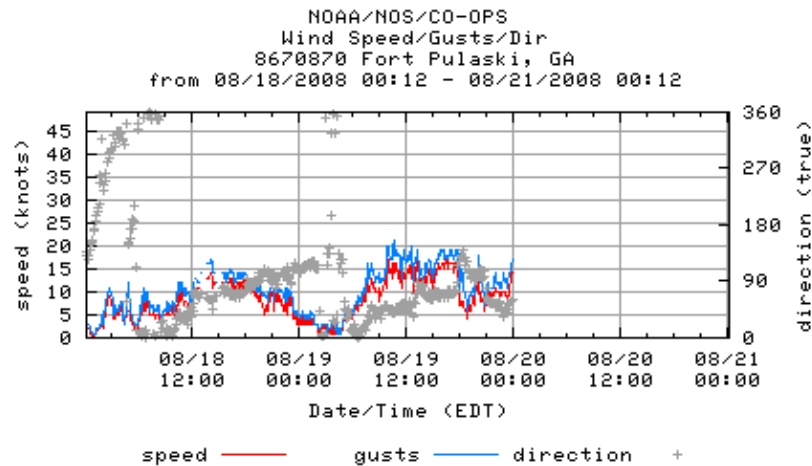
**Fort Pulaski, GA - Station Map** [Return to List](#)



Last Observed Sample: 08/19/2008 23:54 (EDT)

Water Temperature: 83.8° F Air Temperature: 79.9° F

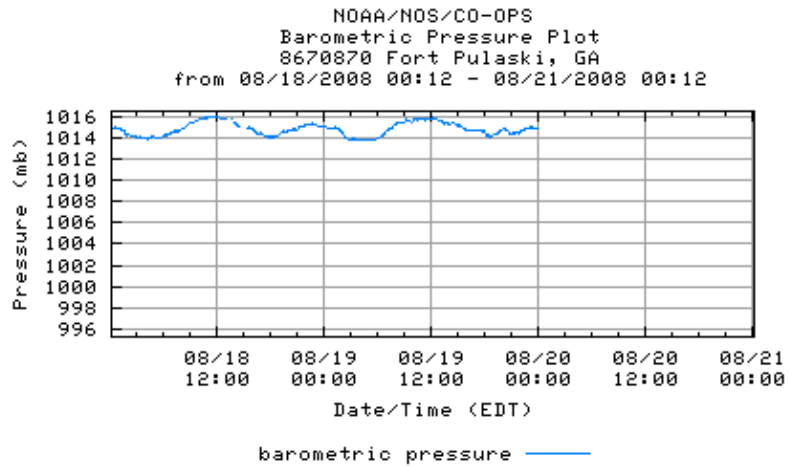
**Fort Pulaski, GA - Station Map** [Return to List](#)



Last Observed Sample: 08/19/2008 23:54 (EDT)

Wind Speed: 14 knots Gusts: 17 knots Direction: 061° T

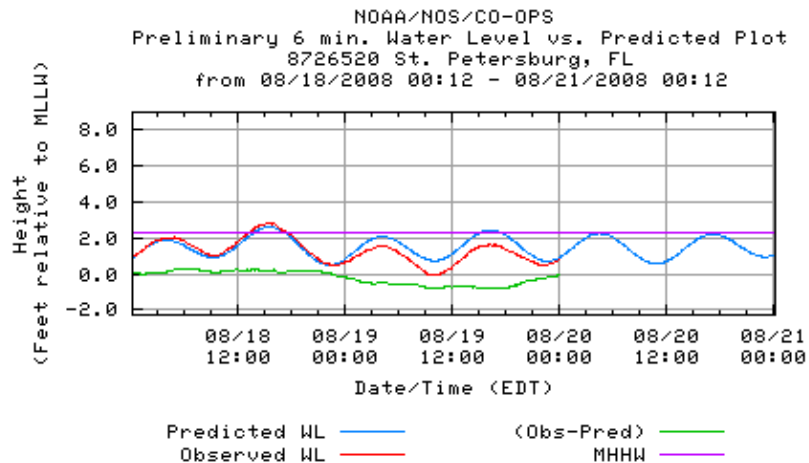
**Fort Pulaski, GA - Station Map** [Return to List](#)



Last Observed Sample: 08/19/2008 23:54 (EDT)

Barometric Pressure: 1014.9 mb

**St. Petersburg, FL - Station Map** [Return to List](#)

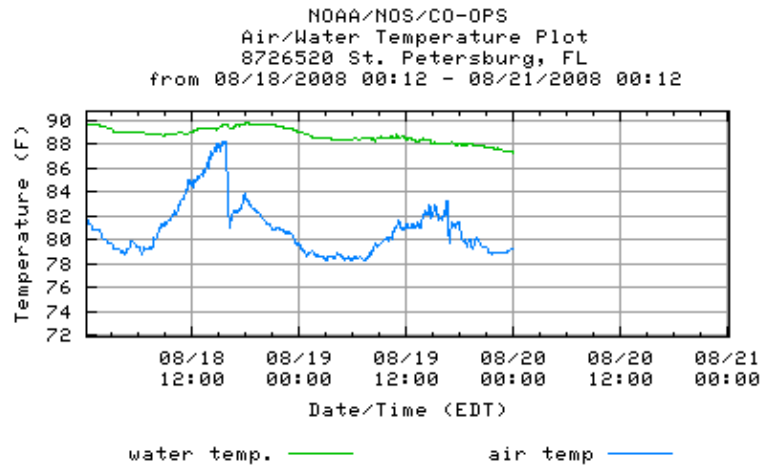


Last Observed Sample: 08/20/2008 00:00 (EDT)

Relative to **MLLW**: Observed: 0.80 ft. Predicted: 0.89 ft. Residual: -0.09 ft.

Historical Maximum Water Level: 08/31/1985, 4 ft. above **MHHW**

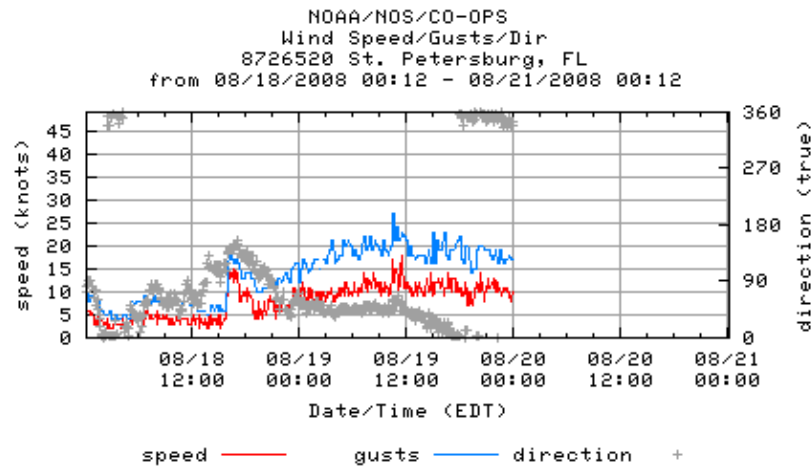
**St. Petersburg, FL - Station Map** [Return to List](#)



Last Observed Sample: 08/20/2008 00:00 (EDT)

Water Temperature: 87.3° F Air Temperature: 79.3° F

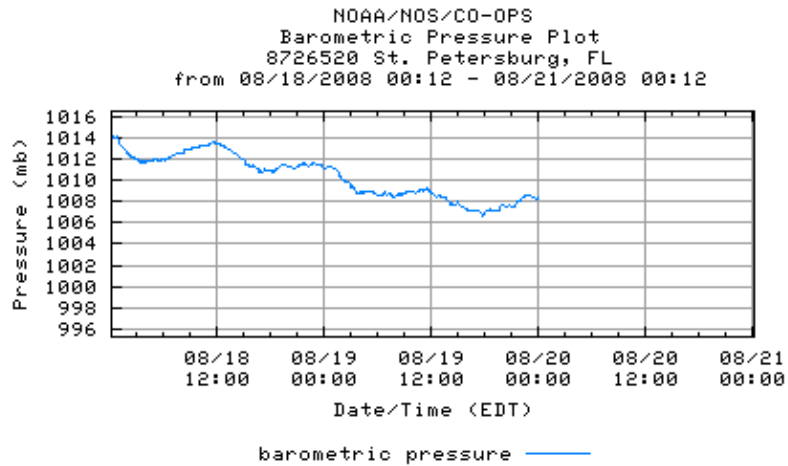
**St. Petersburg, FL - Station Map** [Return to List](#)



Last Observed Sample: 08/20/2008 00:00 (EDT)

Wind Speed: 10 knots Gusts: 17 knots Direction: 339° T

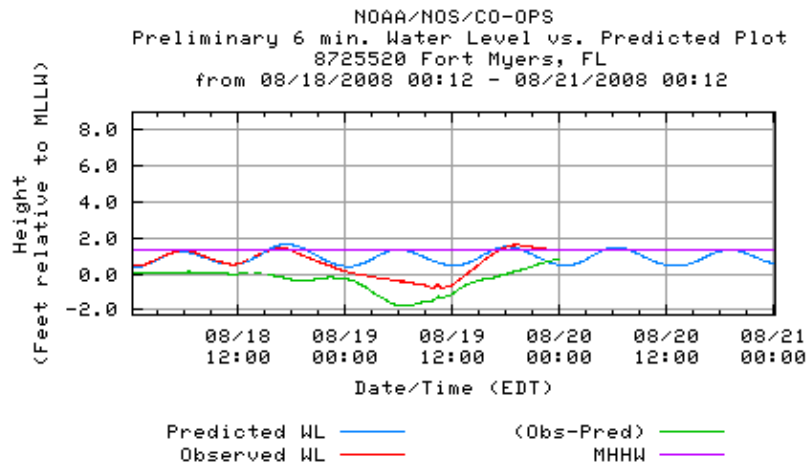
**St. Petersburg, FL - Station Map** [Return to List](#)



Last Observed Sample: 08/20/2008 00:00 (EDT)

Barometric Pressure: 1008.3 mb

**Fort Myers, FL - Station Map** [Return to List](#)

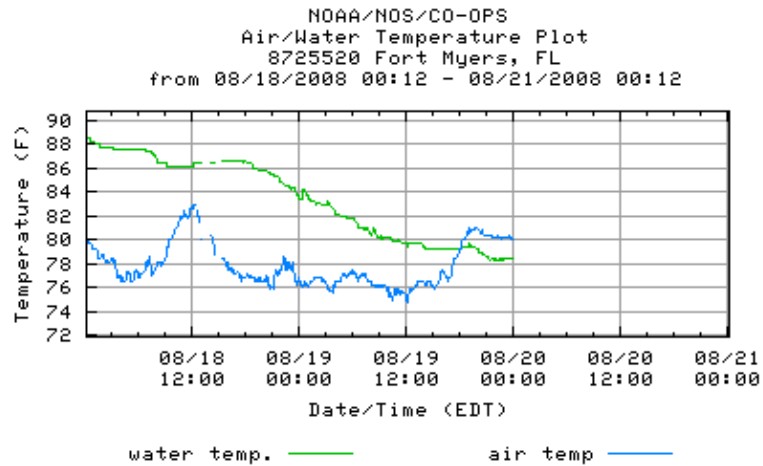


Last Observed Sample: 08/19/2008 23:54 (EDT)

Relative to **MLLW**: Observed: 1.27 ft. Predicted: 0.50 ft. Residual: 0.77 ft.

Historical Maximum Water Level: 11/23/1988, 3.41 ft. above **MHHW**

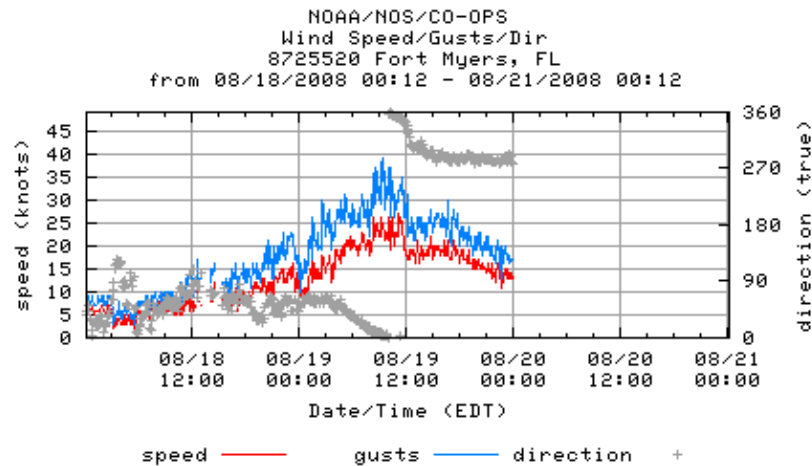
**Fort Myers, FL - Station Map** [Return to List](#)



Last Observed Sample: 08/19/2008 23:54 (EDT)

Water Temperature: 78.4° F Air Temperature: 80.1° F

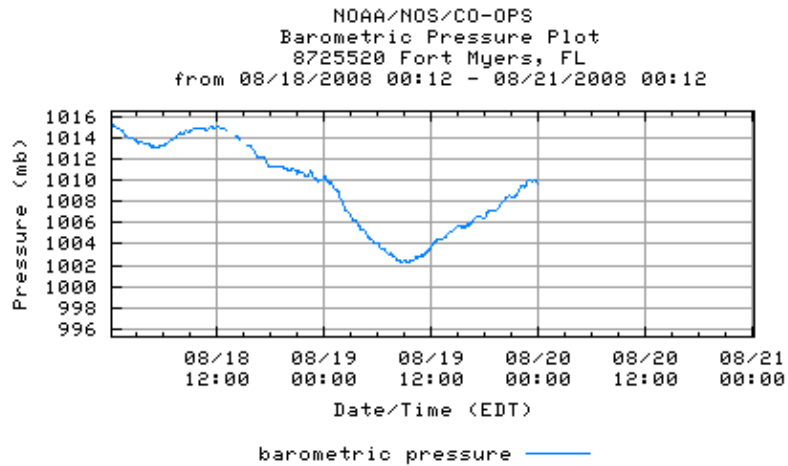
**Fort Myers, FL - Station Map** [Return to List](#)



Last Observed Sample: 08/19/2008 23:54 (EDT)

Wind Speed: 13 knots Gusts: 17 knots Direction: 277° T

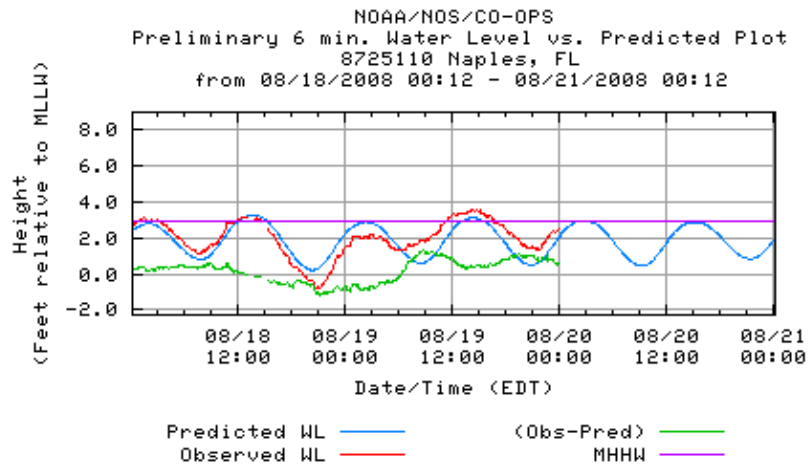
**Fort Myers, FL - Station Map** [Return to List](#)



Last Observed Sample: 08/19/2008 23:54 (EDT)

Barometric Pressure: 1009.7 mb

**Naples, FL - Station Map** [Return to List](#)

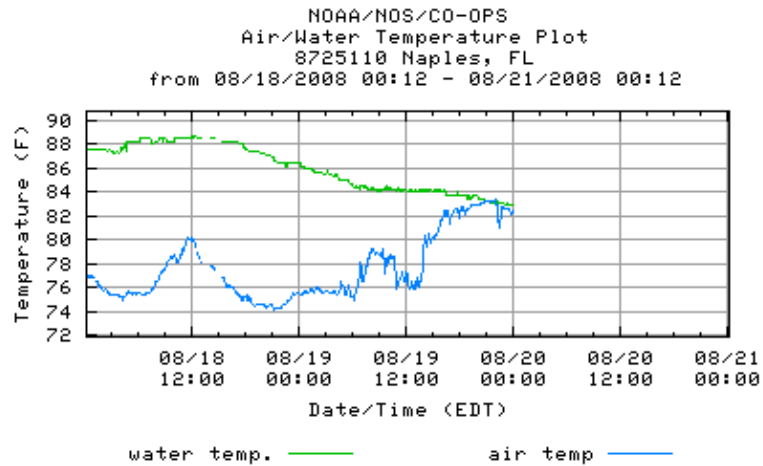


Last Observed Sample: 08/19/2008 23:54 (EDT)

Relative to **MLLW**: **Observed: 2.52 ft.** **Predicted: 1.98 ft.** **Residual: 0.54 ft.**

Historical Maximum Water Level: 12/21/1972, 3.11 ft. above **MHHW**

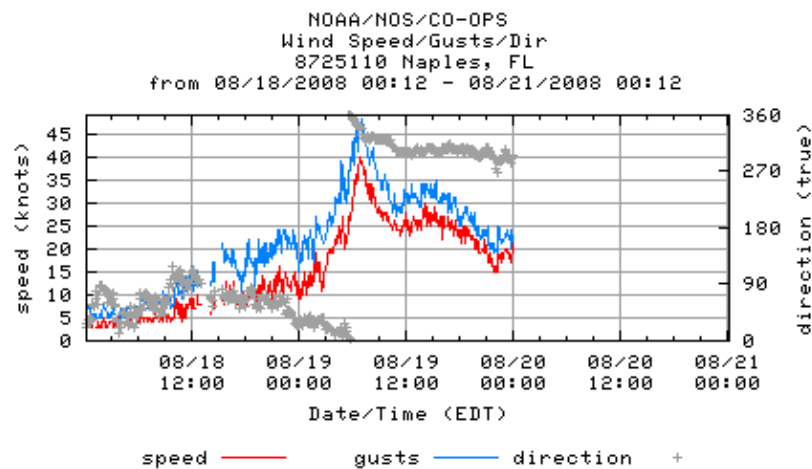
**Naples, FL - Station Map** [Return to List](#)



Last Observed Sample: 08/19/2008 23:54 (EDT)

Water Temperature: 82.9° F Air Temperature: 82.4° F

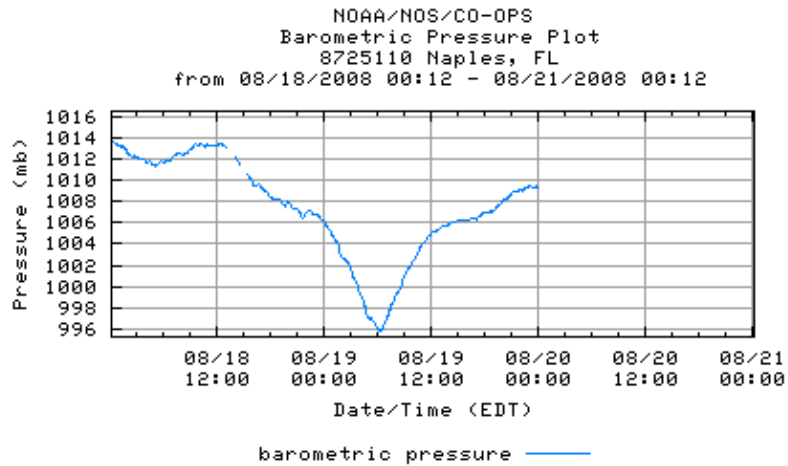
**Naples, FL - Station Map** [Return to List](#)



Last Observed Sample: 08/19/2008 23:54 (EDT)

Wind Speed: 21 knots Gusts: 23 knots Direction: 295° T

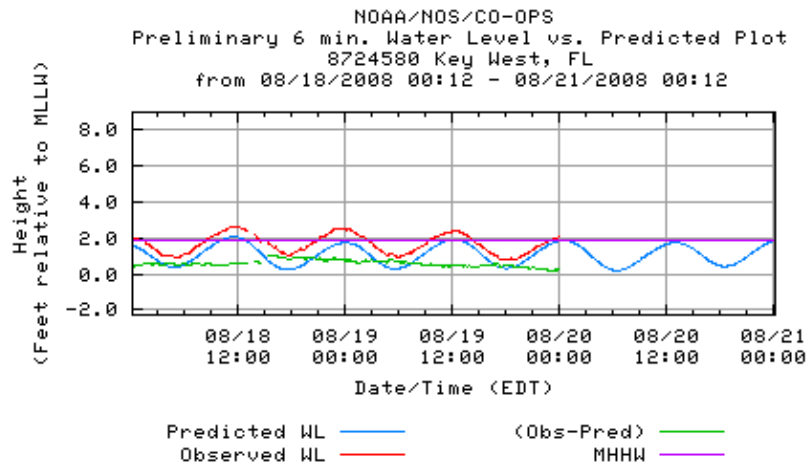
**Naples, FL - Station Map** [Return to List](#)



Last Observed Sample: 08/19/2008 23:54 (EDT)

Barometric Pressure: 1009.4 mb

**Key West, FL - Station Map** [Return to List](#)



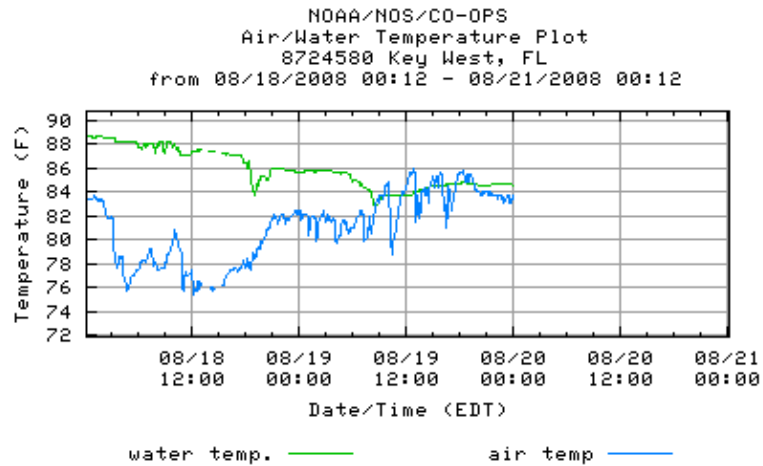
Last Observed Sample: 08/20/2008 00:00 (EDT)

Relative to **MLLW**: Observed: 2.04 ft. Predicted: 1.81 ft. Residual: 0.23 ft.

Historical Maximum Water Level: 09/08/1965, 1.93 ft. above **MHHW**



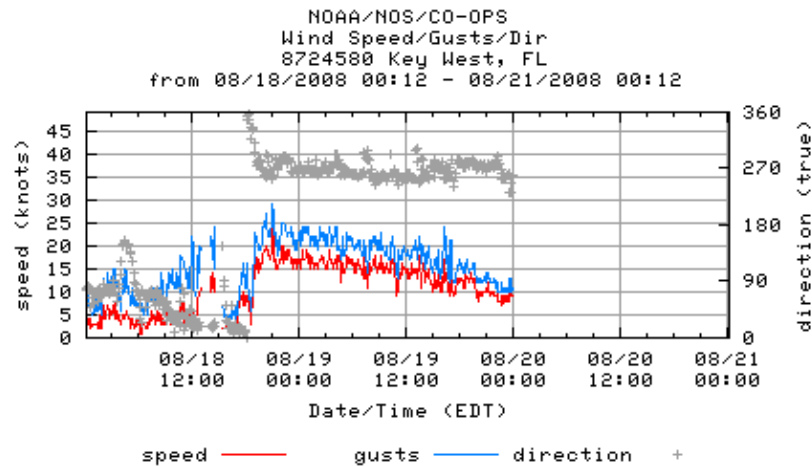
**Key West, FL - Station Map** [Return to List](#)



Last Observed Sample: 08/20/2008 00:00 (EDT)

Water Temperature: 84.6° F Air Temperature: 83.7° F

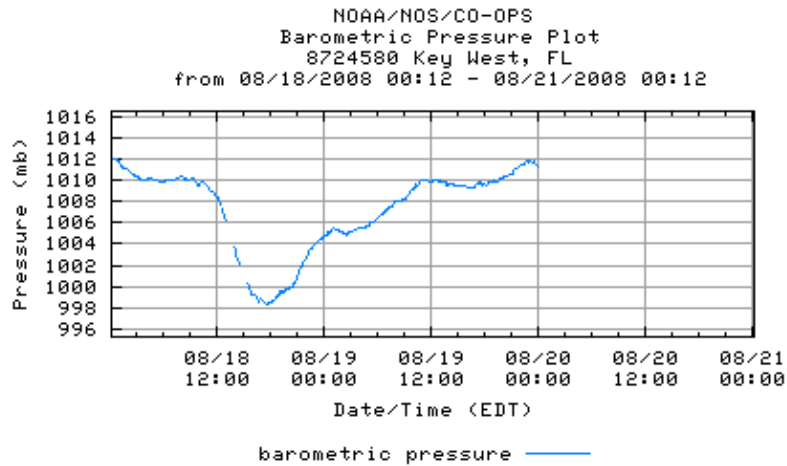
**Key West, FL - Station Map** [Return to List](#)



Last Observed Sample: 08/20/2008 00:00 (EDT)

Wind Speed: 9 knots Gusts: 11 knots Direction: 259° T

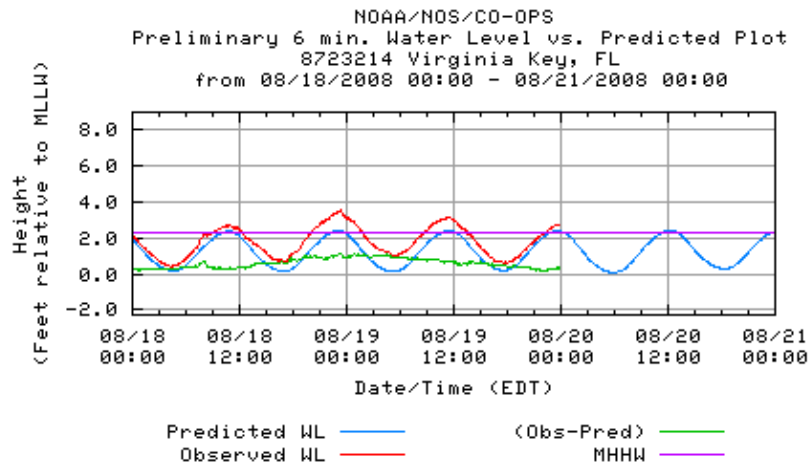
**Key West, FL - Station Map** [Return to List](#)



Last Observed Sample: 08/20/2008 00:00 (EDT)

Barometric Pressure: 1011.4 mb

**Virginia Key, FL - Station Map** [Return to List](#)



Last Observed Sample: 08/19/2008 23:48 (EDT)

Relative to **MLLW**: Observed: 2.69 ft. Predicted: 2.37 ft. Residual: 0.32 ft.

Historical Maximum Water Level: 11/15/1994, 1.9 ft. above **MHHW**

## Tropical Storm FAY QuickLook, POSTED 00:00 EDT 08/20/2008

Center for Operational Oceanographic Products & Services (CO-OPS) | National Ocean Service (NOS)  
National Oceanic and Atmospheric Administration | U.S. Department of Commerce